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| APPLICATION NO.      | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO. |
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| 10/665,573           | 09/22/2003  | Delphine Nwoko       | 0079-PA-CIP             | 6451             |
| 759                  | 08/07/2006  | EXAMINER             |                         |                  |
| Crompton Corporation |             |                      | YOON, TAE H             |                  |
| Benson Road          |             |                      |                         |                  |
| Middlebury, CT 06749 |             |                      | ART UNIT                | PAPER NUMBER     |
|                      |             | •                    | 1714                    |                  |
|                      |             |                      | DATE MAILED: 08/07/2006 |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of turn may be available under the provision of 30 FCR 1:1380. In no event, lowers, may a resiy be timely filed.  1 NO period for reply is apecified above, the maintenant statutory period will apply and will expire StX (5) MONTHS from the mailing date of this communication.  1 Palur to reply which he set or devended period for rejeving with the set or devended period for rejeving with 15 years and the period of this communication, even if timely filed, may reduce any carend plant the maillained. Set of the mailing date of this communication, even if timely filed, may reduce any carend period for reply is specified above, the mailing date of this communication, even if timely filed, may reduce any carend period for the mailing date of this communication.  1 Note that the period of the mailing date of this communication, even if timely filed, may reduce any carend period of the mailing date of this communication.  2 In this action is FIRM.  2 In this action is non-final.  3 In this action is filed that the province of the mailing date of this communication.  4 In this action is filed that the mailing date of this communication.  5 In this action is filed that the mailing date of this communication.  5 In this action is filed that the mailing date of this communication.  5 In this action is filed that the mailing date of this communication.  5 In this action is filed that the mailing date of this communication.  5 In this action is filed that the mailing date of the province of the province of the   |   |  | ( )   |  |  |  |  |
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| Examiner Tale H. Yoon  -The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Repty  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  - Exhaustion of time may be available under the provision of 37 CFR 1.136(s). In no event, however, may a reply be timely filled.  - Exhaustion of time may be available under the provision of 37 CFR 1.136(s). In no event, however, may a reply be timely filled.  - Exhaustion is the provision of the provision of 37 CFR 1.136(s). In no event, however, may a reply be timely filled.  - If the period is reply is specified above, the maximum studiery period wall explain with November 10 to 10 period to 10 period period in the provision of the provision of the period period in the provision of the period period in the period per   |   | Application No.  | Applicant(s)  |  |  |  |  |
| Tase H. Yoon  |   | 10/665,573   | NWOKO ET AL.  |  |  |  |  |
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| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be evaluable under the provisions of 37 CFR 1-33(a). In or event, however, may a ray be timely filled  - Explanation of time may be evaluable under the provisions of 37 CFR 1-33(a). In or event, however, may a ray be timely filled  - Explanation of time in the provision of the provision of 37 CFR 1-33(a). In or event, however, may a ray be timely filled on the maining date of this communication of the provision of the  |   |  |   |  |  |  |  |
| WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Edenions of time may be available under the previous of 37 CPR 1.13(e). In reverse, however, may a reply be limply field after 3X (6) MONTHS from the making date of the communications of 3X (7) MONTHS from the making date of the communications of 3X (7) MONTHS from the making date of the communications of 3X (7) MONTHS from the making date of the communications of 3X (7) MONTHS from the making date of this communication.  Failur to reply received by the Office later than three menths after the making date of this communication, even if timely filed, may reduce any seamed patent them adjustment. Sea 37 CPR 1.704(b).  Status  1) □ Responsive to communication(s) filed on 17 July 2006.  2a) □ This action is FINAL.  2b) □ This action is FINAL.  2b) □ This action is FINAL.  2c) □ This action is action is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) □ Claim(s) □ Is/are pending in the application.  4) □ Claim(s) □ Is/are pending in the application.  5) □ Claim(s) □ Is/are pending in the application.  5) □ Claim(s) □ Is/are objected to.  6) □ Claim(s) □ Is/are objected to estimate with from the proper sequence of the proper sequence of the proper sequence of the proper sequence of the action of the drawing(s) behavior and the proper sequence of the prop   | The MAILING DATE of this communication app<br>Period for Reply  | pears on the cover sheet w   | ith the correspondence address  |  |  |  |  |
| 1) Responsive to communication(s) filed on 17 July 2006. 2a   | WHICHEVER IS LONGER, FROM THE MAILING D.  - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication.  - If NO period for reply is specified above, the maximum statutory period or Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing | ATE OF THIS COMMUNION  36(a). In no event, however, may a rivill apply and will expire SIX (6) MON, cause the application to become AE | CATION.  eply be timely filed  ITHS from the mailing date of this communication.  BANDONED (35 U.S.C. § 133). |  |  |  |  |
| 2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s)  1-10 is/are pending in the application.  4a) Of the above claim(s) 1-10 is/are withdrawn from consideration.  5)  Claim(s)  is/are allowed.  6)  Claim(s)  is/are rejected.  7)  Claim(s)  is/are objected to.  8)  Claim(s)  is/are objected to.  8)  Claim(s)  is/are objected to by the Examiner.  10)  The greeification is objected to by the Examiner.  10)  The drawing(s) filed on  is/are: a)  accepted or b)  objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All  b)  Some * c) None of:  1.  Certified copies of the priority documents have been received.  2.  Certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  | Status  |  |   |  |  |  |  |
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| Attachment(s)    Outline of References Cited (PTO-892)   Outline of Draftsperson's Patent Drawing Review (PTO-948)   Paper No(s)/Mail Date  |   | •  | raceived  |  |  |  |  |
| Notice of References Cited (PTO-892)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  A) Interview Summary (PTO-413) Paper No(s)/Mail Date  | dec the attached detailed Office action for a list  | or the certified copies not  | · ·   |  |  |  |  |
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| Police of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date.   | Attachment(s)   | ,, <del>[ - ]</del>  | (070.440)   |  |  |  |  |
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| B) Unformation Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  Paper No(s)/Mail Date  5) Notice of Informal Patent Application (PTO-152)  6) Other:  | 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  | 5) Notice of I   | nformal Patent Application (PTO-152)  |  |  |  |  |
| . Patent and Trademark Office   | S. Patent and Trademark Office  |  |   |  |  |  |  |

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Newly submitted claims 1-10 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: Applicant had elected the original claims 1-10 (dye;genus) without traverse and the amended claims are a part of non-elected original claims 11-19 (dye;species).

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 1-10 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tae H. Yoon whose telephone number is (571) 272-1128. The examiner can normally be reached on Mon-Thu.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on (571) 272-1119. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Tae H Yoon
Primary Examiner
Art Unit 1714

THY/August 1, 2006